

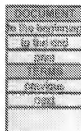
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Title	DEVICE AND THE METHOD OF ADDING THE DIVERSE SIGNALS ON THE COMMON CHANNEL IN THE SYSTEM OF COMMUNICATIONS [MDKR]
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**#2000108476. Abstract 1.**

The method of adding the signals with the use of the diverse method on the common channel in the system of communications of plural access with the code separation of channels ([MDKR]), which contains the stages of assignment to the mobile station of the chosen common channel at the first base station, transfers from the first base station of information about isolated common the channel into the controller of base station given, connected with the first base station, and transfers from the controller of the base station of the mentioned information on, at least, one second base station, which is connected with the controller of base station and is located next to the first base station. 2. Method in p. 1, additionally containing stage of demodulation, on, at least, one second base station, the signal of the common channel, transmitted from the mobile station along the reverse line of communications by adding the signal of common channel with the use of the diverse method. 3. Method on p. 2, in which the chosen common channel is the channel of access. 4. Method on p. 1, in which in the mentioned stage of assignment is used the identifier of channel for the designation of the chosen common channel. 5. Method on p. 4, in which the identifier of channel for the designation of the chosen common channel is the electronic series number ([ESN]) of mobile station. 6. Method on p. 4, in which the identifier of channel for the designation of the chosen common channel is the identifier of the conventional long code. 7. Method on p. 4, in which the identifier of channel for the designation of the chosen common channel is the identifier of the special long code, previously determined in the first base station and the mobile station. 8. Device of the addition of signals with the use of the diverse method on the common channel in the system of communications of plural access with the code separation of channels ([MDKR]), which contains: the first base station for the transfer of the identifier of channel for the designation of the chosen common channel to the separate mobile station, the mentioned first station transferring the identifier of channel to the controller of base station, the controller of base station for the reception of information about the chosen common channel from the first base station and the

transmissions of the mentioned information, at least, to one second base station, located next to the first base station, and the second base station for the method of the corresponding common channel with the aid of the identifier of channel, given out by the controller of base station, the controller of base station summarizing with the use of the diverse method the signals, transmitted from the mobile station through the first and second base stations. 9. Device on p. 8, in which the chosen common channel is the channel of access. 10. Device on p. 8, in which the identifier of channel is the electronic series number ([ESN]) of mobile station. 11. Device on p. 8, in which the identifier of channel is the identifier of the conventional long code. 12. Device on p. 8, in which the identifier of channel is the identifier of the special long code, previously determined in the first base station and the mobile station. 13. Method of adding the signals with the use of the diverse method on the common channel in the system of communications of plural access with the code separation of channels ([MDKR]), which contains the stages of the transfer of the identifier of channel for the assignment to the mobile station of the chosen common channel at one base station and the assignments of common channel, at least, two adjacent sectors as the chosen common channel with the aid of the identifier of channel, and the addition of the signals, accepted along the chosen common channel, at least, two adjacent sectors with the use of the diverse method. 14. Method on p. 13, in which the chosen common channel is the channel of access. 15. Method on p. 14, in which the identifier of channel is the electronic series number ([ESN]) of mobile station. 16. Device of the addition of the diverse signals with the use of the diverse method on the common channel in the system of communications of plural access with the code separation of channels ([MDKR]), which contains the transmitter of base station for the transfer of the identifier of channel for the designation of the chosen common channel of the specific mobile station, the receiver of the channels of the first sector for the method by means of the antenna of the first sector of signal on the chosen common channel assigned with the aid of the identifier of channel, the receiver of the channels of the second sector for the method by means of the antenna of the second sector of signal on the chosen common channel, assigned with the aid of the identifier of channel, and adding circuit for adding the signals from determined mobile the station indicated, given out by the receivers of the channels of the first and second sector, with the use of the diverse method. 17. Device on p. 16, in which the chosen common channel is the channel of access. 18. Device on p. 16, in which the identifier of channel is the electronic series number ([ESN]) of mobile station.